

Title (en)

Clock barrel assembly with reduced core diameter

Title (de)

Uhren-Federgehäuse mit reduziertem Durchmesser des Bundes

Title (fr)

Ensemble barillet d'horlogerie à diamètre de bonde réduit

Publication

**EP 2570861 A1 20130320 (FR)**

Application

**EP 11181351 A 20110915**

Priority

EP 11181351 A 20110915

Abstract (en)

The assembly (1) has an adjusting unit to adjust a longitudinal play between the assembly and a plate (10)/bridge (11) carrying the assembly. The adjusting unit is formed by a wedging/stroke limiting unit to wedge or limit stroke of a drum (3) and/or a cover (7) with respect to the plate/the bridge to constitute a chamber enclosing a barrel spring (2) or by a guiding unit to guide pivoting of the drum or/and the cover into the plate and/or the bridge to constitute the chamber. The adjusting unit is formed by the limiting and guiding units to limit the play in direction of swivel axis (D). An independent claim is also included for a clockwork movement.

Abstract (fr)

Ensemble barillet (1) d'horlogerie, comportant un ressort moteur (2) monté entre un tambour (3) de barillet, et une surface de réception (5) que comporte une bonde (4) coaxiale audit tambour (3) autour d'un axe de pivotement (D). Il comporte des moyens d'ajustement de l'ébat longitudinal (6) entre ledit ensemble barillet (1) et une platine (10) porteuse dudit ensemble (1), constitués ou par des moyens de calage, par rapport à ladite platine (10) dudit tambour (3) ou/et d'un couvercle (7) fixé sur ledit tambour (3) pour enfermer ledit ressort (2), ou par des moyens de guidage en pivotement, directement dans ladite platine (10), dudit tambour (3) ou/et dudit couvercle (7), ou par la combinaison desdits moyens de calage et desdits moyens de guidage en pivotement.

IPC 8 full level

**G04B 1/16** (2006.01); **G04B 1/18** (2006.01); **G04B 33/14** (2006.01); **G04B 35/00** (2006.01)

CPC (source: EP US)

**G04B 1/14** (2013.01 - EP US); **G04B 1/145** (2013.01 - EP US); **G04B 1/16** (2013.01 - EP US); **G04B 1/18** (2013.01 - EP US); **G04B 33/14** (2013.01 - EP US); **G04B 35/00** (2013.01 - EP US)

Citation (search report)

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Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**EP 2570861 A1 20130320**; CN 103797424 A 20140514; CN 103797424 B 20160817; EP 2756359 A1 20140723; EP 2756359 B1 20160323; HK 1197841 A1 20150218; IN 2735CHN2014 A 20150703; JP 2014526690 A 20141006; JP 5755375 B2 20150729; RU 2562398 C1 20150910; US 2014376338 A1 20141225; US 9195216 B2 20151124; WO 2013037868 A1 20130321

DOCDB simple family (application)

**EP 11181351 A 20110915**; CN 201280045229 A 20120913; EP 12758483 A 20120913; EP 2012067910 W 20120913; HK 14111176 A 20141104; IN 2735CHN2014 A 20140410; JP 2014530207 A 20120913; RU 2014114783 A 20120913; US 201214241337 A 20120913